

RECLAMATION

Managing Water in the West



V-Line Canal – Photograph Credit: Winetta Owens

The V-Line Canal is a feature of Reclamation's 102-year-old Newlands Project. This scenic view shows the headworks of the V-Canal east from the Carson River Diversion Dam and south of the Carson River to the service area in the Carson Division, near Fallon, Nevada. The canal was constructed in 1904-05 and is 27 miles in length with a capacity of 1,500 cfs. The "V" Canal Power Plant is on a drop in the "V" Canal about six miles west of Fallon. It has two 400 kilowatt generators and provides water to the Fallon area for agricultural and wetlands purposes. The canal is operated and maintained by Truckee-Carson Irrigation District.

Truckee-Carson Irrigation District has been awarded \$103,506 from Reclamation through the Water Smart Grant Program for automation of structures on the V-Line Canal with placement commencing on the V-C3 through V-C8. The district will automate six check structures within the V-Line Canal to enable level and flow control for more efficient water conveyance and increased public safety. The project is expected to result in water savings of 3,445 acre-feet annually, which will allow for reduced diversions from the Truckee River.

For more information on V-Line Canal, please visit:

<http://www.tcid.org/projects/detail-view/automation-project>

<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=22741>

<http://www.tcid.org/news/detail-view/v-line-canal-automation>

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